1. [Amended] A communication device for facilitating communication between a wired network having a wired communication device, and wireless devices including a first type wireless device and a second type wireless device, the communication device comprising:

a wired network interface for interfacing data communication between the communication device and the wired communication device of the wired network;

a first type radio for interfacing data communication between the communication device and the first type wireless device;

a second type radio for interfacing data communication between the communication device and the second type wireless device, the second type radio being different than the first type radio; and

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a data controller for controlling data traffic between the wired network and the wireless devices, the data controller including a filter device for filtering data for transmission by one of the radios when the data is received from the wired network for the respective wireless device.

2. [Amended] The communication device as claimed in claim 1, wherein:

the wireless devices are assigned with a respective address, and data sent from and destined for the wireless devices includes the address of the respective wireless device; and

the data controller functions in a first mode using the first type radio when data is transmitted from or destined for the first type wireless device, and functions in a second mode using the second type radio when data is transmitted from or destined for the second type wireless device, the first and second modes being selected in accordance with the address included in the data.

3. [Amended] The communication device as claimed in claim 2, wherein:

the wireless devices have a capacity which is lower than a capacity of the wired network.

4. [Amended] The communication device as claimed in claim 1, wherein

data sent from one of the wireless devices includes wireless protocol information which indicates a wireless protocol used for communicating the data, and data sent from the wired network includes wired protocol information which indicates a wired protocol used for communicating data over the wired network; and

the data controller has a protocol converter for converting the wired protocol information included in the data with the wireless protocol information for transmission by the associated radio when the data is received from the wired network for the one wireless device.

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5. [Amended] The communication device as claimed in claim 1, wherein the first type radio comprises a first radio having a first radio coverage area, and the second type radio comprises a second radio having similar characteristics to the first radio and having a second radio coverage which is different from the first radio coverage area.

6. [Amended] The communication device as claimed in claim 1, wherein said first type radio is in accordance with the IEEE 802.11 specification.

7. [Amended] The communication device as claimed in claim 6, wherein said first type radio is a frequency-hopper radio.

8. [Amended] The communication device as claimed in claim 1, wherein said second type radio is in accordance with the IEEE 802.11 specification.

9. [Amended] The communication device as claimed in claim 1, wherein said first type radio and said second type radio are in accordance with the IEEE 802.11 specification.

13. [Amended] A method for facilitating communication between a wired network having a wired communication device, and wireless devices including a first type wireless device and a second type wireless device, the method comprising the steps of:

receiving data from the wired communication device of the wired network;

using a first type radio for transmitting data to the first type wireless device;

using a second type radio for transmitting data to the second type wireless device, the second type radio being different than the first type radio; and

controlling data traffic between the wired network and the wireless devices, the data controlling step comprising filtering the data for transmission by one of the radios when the data is received from the wired network for the respective wireless device.

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14. [Amended] The method as claimed in claim 13 wherein:

the wireless devices are assigned with a respective address, and data sent from and destined for the wireless devices includes the address of the respective wireless device; and

the step of controlling comprises using the first or second type radio in accordance with the address included in the data.

15. [Amended] The method as claimed in claim 14 wherein:

the wireless devices have a capacity which is lower than a capacity of the wired network.

16. [Amended] The method as claimed in claim 14 wherein

data sent from one of the wireless devices includes wireless protocol information which indicates a wireless protocol used for communicating the data, and data sent from the wired network includes wired protocol information which indicates a wired protocol used for communicating data over the wired network; and